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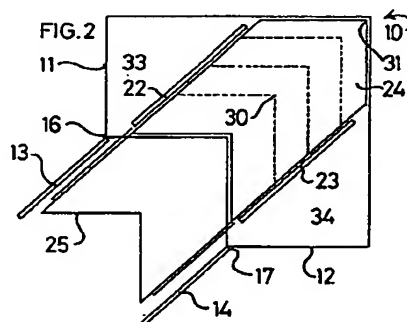
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(54) Corner unit and a drawer therefor

(57) A corner unit 10 for a kitchen cupboard has one or more plastics sliding drawers extending into the corner 24. The corner unit has two doors 13, 14, one on each leg, hinged away from the corner at 16, 17 to allow the drawer(s) to be slid out of the corner. Each drawer has a notched outer end 25 and a pointed inner end 30 to fit into the corner when the doors are closed.



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FIG.1

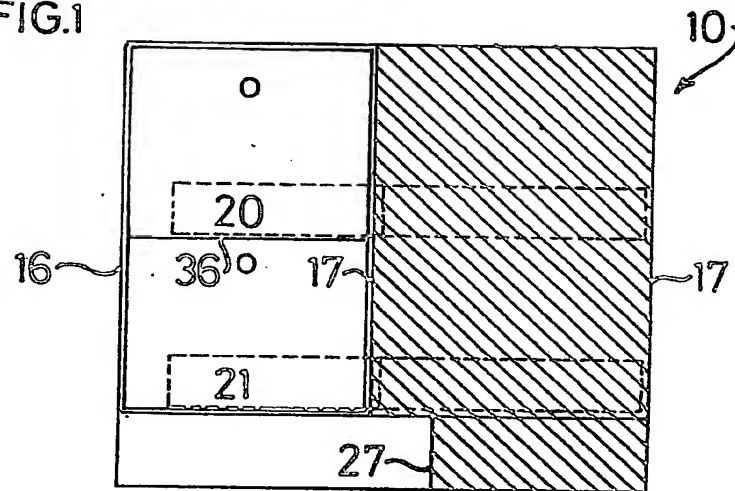
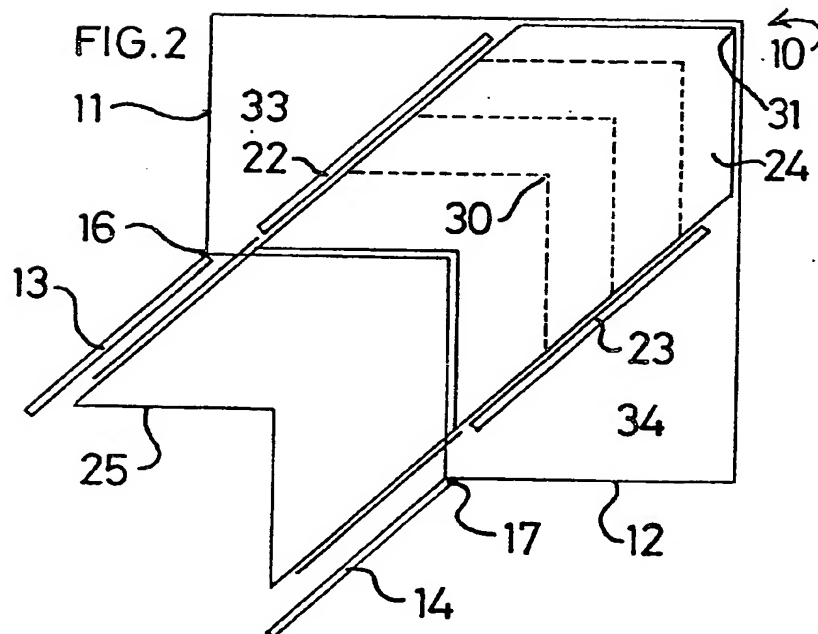


FIG.2



SPECIFICATION

Corner unit and a drawer therefor

5 This invention relates to furniture and is concerned with a corner unit typically for built in furniture where storage is required. For example, kitchen cupboards usually extend along two walls meeting in a corner.

Existing corner units are not satisfactory, as the
10 space within the corner is difficult to use, and in some cases is blanked off and thus wasted.

There is a need for an improved corner unit.

It is an object of this invention to go some way towards meeting the above mentioned need, in
15 providing an improved corner unit, or one which will at least provide the public with a useful choice.

According to one aspect of the invention there is provided a drawer for a corner unit, said drawer having a pair of substantially parallel side edges and a
20 notched outermost edge to correspond with the exterior corner angle of said corner unit.

According to another aspect of the invention there is provided a corner unit for a kitchen or the like, including a pair of cupboards meeting at a corner,
25 and at least one drawer extending into said corner and capable of extending from said unit.

Preferably, the innermost edge of the drawer extends towards a point, so as to correspond with the innermost angle of the corner.

30 Preferably, the outermost edge of the drawer is notched to coincide with the outline of the exterior angle of the corner.

Other aspects of this invention, which will be considered in all its novel aspects, will become
35 apparent from the following description, which is given by way of example only, with reference to the accompanying drawings, in which:

Figure 1 illustrates a front elevation of the corner unit along arrow A.

40 Figure 2 illustrates a top plan view of the corner unit.

Figure 3 illustrates the draw slide detail.

Figure 4 illustrates a drawer in perspective, as it extends from the unit.

45 The example in the drawings will be illustrated and described with reference to a right angle corner unit. However, it will be appreciated that the invention is applicable to corner units of differing angles, depending upon the geometry of the room in which
50 the unit is to be installed.

A corner unit 10 has faces 11 and 12 at right angles to one another and thus capable of butting against other furniture units.

Preferably, the corner unit has a pair of doors 13, 14
55 hinged at the outermost front edges of the unit 16, 17. The doors 13, 14 are shown in the open position in Figure 2.

The illustrated unit has a pair of drawers 20, 21 each drawer being mounted on a pair of slides 22, 23, on
60 either side thereof.

The drawers are arranged to extend into the corner so as to substantially fill the corner space 24. This is achieved by shaping the innermost edges of the drawer in the form of a point, to coincide with the
65 triangular corner region.

It will be apparent from Figure 2, that with a right angled corner unit, the drawer extends at 45° the outer-faces 11 and 12.

70 Preferably the outer edge 25 of the drawer is notched as shown in Figure 2, so that it fits within and corresponds to the outer edge of the corner unit when the doors are closed.

The corner unit may be provided with a toe rail 27, and the drawers may be provided with sides of any
75 convenient height.

The broken lines in Figure 2 illustrate the position of the drawer as it is pulled out from its closed position to its most extended position, in which the inner edge of the drawer is in position 30, and when pushed home the inner edge of the drawer which is position
80 31.

It will be apparent from Figure 2 that triangular spaces 33, 34 are left on either side of the drawer. As the drawer is conveniently mounted on a flat shelf 36,
85 and the sides of the drawer are relatively shallow in relation to the height of the cupboard it will be appreciated that these spaces 33 and 34 can be readily used as they are easily accessible when either door is opened.

90 The runners 22 and 23 are conveniently arranged so as to be screwed to the shelf 36, allowing the drawer to extend approximately two thirds of its length, so that the drawer is relatively stable when fully extended. If desired, the drawer can be detach-
95 able from the runners, and may utilise any conventional runner system, and if required, may use a double extension in place of the single extension illustrated.

The runner illustrated in Figure 3 has rollers 40, 41
100 with one portion 42 connected to the underside of the drawer 20 and the other portion 43 to the shelf 31. The drawer may be made of any convenient material. The illustrated drawer is preferably moulded in one piece from polyurethane, as this provides a smooth and
105 hygienic finish suitable for kitchens.

Alternatively it can be readily manufactured by mitring the corners of the sides and attaching them together, by appropriate securing means, e.g. hot melt adhesive. In such a case, preferred material for
110 kitchen units is plastic, preferably high density styrene which can be readily cut to size and secured by hot melt adhesive.

The corner unit is not limited to kitchen furniture. In the case of office furniture it may be desirable to
115 provide a series of drawers one above another, without the need for doors on the unit. In other applications, the doors may not be hinged, but may be sliding doors sliding away from the corner.

Various other alterations or modifications may be
120 made to the foregoing without departing from the scope of this invention as exemplified by the following claims.

CLAIMS

1. A drawer for a corner unit, said drawer having a
125 pair of substantially parallel side edges and a notched outermost edge to correspond with the exterior corner angle of said corner unit.

2. A drawer for a corner unit, as claimed in claim 1, wherein said drawer has a pointed innermost edge
130 capable of fitting within the innermost angle of said

corner unit.

3. A drawer for a corner unit, as claimed in claim 2, wherein said drawer is provided with raised peripheral edges and the drawer is moulded from a plastics material.
- 5 4. A corner unit for a kitchen or the like, including a pair of cupboards meeting at a corner, and at least one drawer extending into said corner and capable of extending from said unit.
- 10 5. A corner unit for a kitchen or the like, as claimed in claim 4, wherein said unit has a door or doors which can be moved between a position enclosing the corner and an open position giving access to the corner to allow said at least one drawer to extend
- 15 from said corner.
6. A corner unit for a kitchen or the like, as claimed in claim 5, wherein said drawer has an innermost edge extending towards a point so as to correspond with the innermost angle of said corner unit.
- 20 7. A corner unit for a kitchen or the like, as claimed in claim 6, wherein said outermost edge of the drawer is notched to coincide with the outline of the exterior angle of said corner unit.
8. A drawer for a corner unit substantially as herein described with reference to and as illustrated in Figure 4 of the accompanying drawings.
- 25 9. A corner unit substantially as herein described with reference to and as illustrated in the accompanying drawings.

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